

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117357

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP93889
Calibration Std. hexchrome 0.05 ppm	WP93890
calibration std. hexchrome 0.01 ppm	WP93891
calibration std. hexchrome 0 ppm	WP93892
hexavalent chromium color reagent	WP93821
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP93893
Hexavalent Chromium ICV-LCS Std	WP93894
Calibration and CCV std HexChrome 0.5PPM	WP93888
Calibration std HexChrome 1.0PPM	WP93887

Intercept: -0.0007

Slope: 0.7808

Regression: 0.999998

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		2.10	0.000	0.000	0.000	0.000		11/12/2021	16:40
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	0.009	10	11/12/2021	16:41
3	CAL3	0.025	1	100	100		1.78	0.000	0.018	0.018	0.023	8	11/12/2021	16:42
4	CAL4	0.05	1	100	100		2.35	0.000	0.038	0.038	0.049	2	11/12/2021	16:43
5	CAL5	0.1	1	100	100		2.14	0.000	0.078	0.078	0.100	0	11/12/2021	16:44
6	CAL6	0.5	1	100	100		2.20	0.000	0.390	0.390	0.500	0	11/12/2021	16:45
7	CAL7	1	1	100	100		2.34	0.000	0.780	0.780	0.999	0.1	11/12/2021	16:46



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pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.35	0.000	0.389	0.389	0.499	11/12/2021	16:50
2	ICB		1	100	100		2.28	0.000	0.000	0.000	0.001	11/12/2021	16:51
3	CCV1	0.5	1	100	100		1.95	0.000	0.391	0.391	0.502	11/12/2021	16:52
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	0.001	11/12/2021	16:53
5	RL Check	0.01	1	100	100		1.85	0.000	0.008	0.008	0.011	11/12/2021	16:54
6	LB117357BL		1	100	100		2.08	0.000	0.000	0.000	0.001	11/12/2021	16:55
7	LB117357BS	0.5	1	100	100		1.88	0.000	0.395	0.395	0.507	11/12/2021	16:56
8	M4660-01		1	100	100		1.95	0.000	0.000	0.000	0.001	11/12/2021	16:57
9	M4660-01DU		1	100	100		1.74	0.000	0.000	0.000	0.001	11/12/2021	16:58
10	M4660-01MS	1	2	100	100		1.95	0.000	0.392	0.392	0.503	11/12/2021	16:59
11	M4660-01MS	1	2	100	100		2.09	0.000	0.395	0.395	0.507	11/12/2021	17:00
12	M4674-09		1	100	100		1.89	0.002	0.002	0.000	0.001	11/12/2021	17:01
13	CCV2	0.5	1	100	100		1.74	0.000	0.398	0.398	0.511	11/12/2021	17:02
14	CCB2		1	100	100		1.82	0.000	0.000	0.000	0.001	11/12/2021	17:05

WORKLIST(Hardcopy Internal Chain)

LB 117357

WorkList Name : HEX111221 WorkList ID : 154296 Department : Wet-Chemistry Date : 11-12-2021 13:04:40

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/16/2021	Water	M4660-01	Hexavalent Chromium	Ammonium sul	PSEG03	D12	FM655	11/11/2021	SM3500-Cr B
11/18/2021	Water	M4674-09	Hexavalent Chromium	Ammonium sul	PSEG03	D21	MF-WATER-COMP	11/12/2021	SM3500-Cr B

Date/Time 11/12/21 16:20
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: RC CO'8 Lab

Date/Time 11/12/21 17:15
 Raw Sample Received by: RC CO'8 Lab
 Raw Sample Relinquished by: FS (WC)